



NEW HORIZON
COLLEGE OF ENGINEERING



Department of Research and Development
Department of Electrical and Electronics Engineering

Faculty Development Programme

Advancements in VLSI/Semiconductor Industry and Introduction to Design for Test Methodologies

📅 22 March 2025

🕒 09:30 AM – 04:30 PM

📍 Tejas Seminar Hall



Faculty Coordinators

Dr. Karthika M

Associate Professor - EEE

Dr. Gunapriya B

Associate Professor - EEE

Praveen Kumar Reddy K

DFT Engineer – Qualcomm India Pvt Ltd
Bengaluru

Organizing Committee

Dr. Vinoth Kumar K

Professor and Associate Head – R&D
Advisor – IEEE CSC NHCE SBC

Dr. Sakthivel A

HoD - EEE

Dr. Revathi V

Dean R&D

Dr. Manjunatha

Principal



Praveen K
Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Bellandur Main Road,
Near Marathalli, Bengaluru - 560 103



Event Report

Title	Faculty Development Programme on “Advancements in VLSI /Semiconductor industry and Introduction to Design for Test Methodologies”	
Department	Research and Development & Electrical and Electronics Engineering	
Date	From: 22.03.2025	To: 22.03.2025
Time	From: 09:30 AM	To: 04:30 PM
Brief Description (4-5 Lines Max)	<p>On 22nd March 2025, the Department of Electrical and Electronics Engineering & Research and Development at New Horizon College of Engineering, in collaboration with IEEE CSE SBC, organized a Faculty Development Programme (FDP) on “Advancements in VLSI/Semiconductor Industry and Introduction to Design for Test Methodologies.” This insightful session was held at Tejas Seminar Hall from 09:30 AM to 04:30 PM, providing an opportunity for faculty members and researchers to enhance their knowledge in the rapidly evolving field of VLSI and semiconductor technologies. The session was presented by Mr. Praveen Kumar Reddy K, a seasoned DFT Engineer at Qualcomm India Pvt Ltd, Bengaluru. The primary goal of this FDP was to provide a comprehensive understanding of the current advancements in the VLSI and semiconductor industry. The program also focused on introducing faculty and researchers to the essential methodologies of <i>Design for Test (DFT)</i>, a critical aspect of the design and manufacturing process in modern electronic systems. The event aimed at equipping participants with industry-relevant knowledge and the skills necessary to understand and apply these technologies in both academic and research contexts. The FDP provided ample opportunity for faculty and participants to interact with Mr. Reddy. A dynamic Q&A session allowed the attendees to gain a deeper understanding of specific topics related to VLSI and DFT. Participants were able to ask questions and seek clarification on complex concepts, which helped further enhance the value of the session. The Faculty Development Programme on “<i>Advancements in VLSI/Semiconductor Industry and Introduction to Design for Test Methodologies</i>” was a resounding success. It provided valuable insights into the evolving semiconductor landscape, enabling faculty members and researchers to stay updated on industry trends and methodologies. The program also fostered a sense of collaboration between academia and industry, empowering the attendees with the knowledge to advance their research and teaching practices in VLSI and related fields. The Department of Electrical and Electronics Engineering & Research and Development at New Horizon College of Engineering, in collaboration with IEEE CSE SBC, expressed their gratitude to Mr. Praveen Kumar Reddy for his time and effort in delivering such an informative and engaging session. The event was well-received, and the participants expressed their appreciation for the comprehensive coverage of such a vital and contemporary topic. We would like to extend our sincere thanks to Mr. Praveen Kumar Reddy K for his expert session and contribution to the event’s success. Special thanks also go to the organizing team from the Department of Electrical and Electronics Engineering, Research and Development, and IEEE CSE SBC for their dedicated efforts in making this event possible. 35 faculty members and students Participants are benefitted.</p>	



Ravi
 Dr. Ravi
 Department of Research and Development
 NEW HORIZON COLLEGE OF ENGINEERING
 New Horizon Knowledge Park, Bellandur Main Road,
 Near Marathalli, Bengaluru - 560 103





Ravi M
Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Belandur Main Road,
Near Mareballi, Bengaluru - 560 103



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NBA and NAAC with Grade "A"
New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 560 103

Department of Research and Development Department of Electrical and Electronics Engineering Jointly Organizing

Faculty Development Program on Advancements in VLSI/Semiconductor Industry and
Introduction to Design for Test Methodologies on 22nd March 2025

Participant List (Attendance)

S. No	Name	Department	Designation	Signature
1.	RAJ SINGH	EEE	Student	Raj
2.	Nishant Gupta	EEE	Student	Nishant
3	CHARAN KORA	EEE	Student	Charan
4	Dhananjaya H	EEE	student	Dhananjaya H
5	Thippeswamy S	EEE	Student	Thippeswamy
6	Roni Gupta R	EEE	student	Roni
7	Gowri Manojkumar	EEE	student	Gowri
8	IQRA BASHIR	EEE	Student	Iqra Bashir
9	Yashawin B.S	EEE	Student	Yashawin B.S
10	Lalith Narayan	EEE	Student	Lalith
11	Gowri Manojkumar	EEE	Student	
11	Srinivas Babu N	ECE	SAP	Srinivas
12	T.V.S. Adinarayan	ECE	SAP	T.V.S.
13	Harishandra R	ECE	SAP	Harishandra
14	Nagabhushana N	ME	SAP	Nagabhushana
15	Dr. Veeresh G	ME	SAP	Dr. Veeresh
16	Dr. Sudarshan T.A	ME	SAP	Dr. Sudarshan
17.	Pragati Tulpatti	ECE	SAP	Pragati
18.	Dr. Sampa Das	ECE	SAP	Sampa Das
19	Sangeetha - con	EEE	Ap	Sangeetha

21.	Prof. Surat Pyari Atti	EEE	AP	<u>Surat</u>
22.	A.S. ANITHA NAIR	EEE	AP	<u>Anitha</u>
23.	Proja Jose	EEE	AP	<u>Proja</u>
24.	Soumya. K.V	EEE	AP	<u>Soumya</u>
25.	Dr. Sonali M.	CSE2	Asso. Prof	<u>Sonali</u>
26.	Rajeshwari. A	EEE	Foreman	<u>Rajeshwari</u>
27.	G.S. Siddalingeswara	EEE	Lab In-structor	<u>G.S.</u>
28.	Venkatesha. S	EEE	Lab In-structor	<u>Venka. S</u>
29.	Rajesh. B.K	EEE	Lab In-structor	<u>Rajesh</u>
30.	Narasimha Murthy. N.S	EEE	Lab In-structor	<u>Narasimha</u>
31.	Dr. M. Karthika	EEE	Associate prof	<u>Karthika</u>
32.	Dr. B. Gunoprija	EEE	Asso. prof	<u>Gunoprija</u>
33.	Ch. Karina	EEE	Sr. AP	<u>Ch. Karina</u>
34.	Dr. D. Padma Priya	Maths- AS	Sr. Asst. Prof	<u>Dr. D.</u>
35.	Dr. K. Gopu	MECH	Asso. prof	<u>Dr. K.</u>
36.	Ms. Nandini. T	NHCK	Sr. Asst. Prof	<u>Nandini</u>
37.	Mv. Krishnamurthy	NHCK	Asst Prof	<u>Mv.</u>
38.	Ms. Manisha. M	NHCK	Asst Prof	<u>Manisha</u>
39.	Dr. S. Sushitha	NHCK	professor	<u>Sushitha</u>
40.	Dinakara. K.I	EEE	Student	<u>Dinakara</u>
41.	Chethan. S	EEE	Student	<u>Chethan</u>